

## SPECIFICATION SHEET

VERSION 3      VERSION DATE 19/09/22      PRINT DATE 12/04/26

PRODUCT AMBRETTOLIDE  
 APPLICATIONS Industrial raw material not intended for direct use.  
 IUPAC NAME OXACYCLOHEPTADEC-10-EN-2-ONE  
 SYNONYMS (10E)-OXACYCLOHEPTADEC-10-EN-2-ONE,  
 HEXADEC-9-EN-1,16-LACTONE,TRANS-DELTA(9)-ISO

FORMULA C<sub>16</sub> H<sub>28</sub> O<sub>2</sub>  
 MOLECULAR WEIGHT 252,39  
 CAS 28645-51-4  
 CAS 2 63286-42-0  
 EINECS 249-120-7  
 FEMA 4145  
 CoE 180B  
 FDA 172.515  
 TARIFF NUMBER 2932209090

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ASPECT AT 20°C SLIGHT VISCOUS CLEAR LIQUID  
 COLOUR COLORLESS TO PALE YELLOW  
 ODOUR FLORAL, MUSKY, SWEET, PLEASANT  
 TASTE MUSK SEED OIL, RIPE, BLACKBERRY  
 DENSITY AT 20°C (g / ml) 0,945-0,955  
 DENSITY 25/25 -  
 REFRACTIVE INDEX n<sub>D20</sub> 1,4760-1,4820  
 REFRACTIVE INDEX n<sub>D25</sub> -  
 OPTICAL ROTATION (°) /  
 BOILING POINT (°C) -  
 FLASH POINT (°C) 97  
 ASSAY (% GC) > 98 (SUM OF ISOMERS); MAJOR PEAK TRANS>97%  
 ACID VALUE (mg KOH/g) -  
 SOLUBILITY NEARLY INSOLUBLE IN WATER  
 VAPOUR PRESSURE NOT DETERMINED  
 OTHER SOLUBILITIES 1:1 v/v ETHANOL 96°

OTHER TECHNICAL DATA HEXADEC-9-EN-1,16-LACTONE > 97% (trans,  
 (10E)-OXACYCLOHEPTADEC-10-EN-2-ONE, TRANS-DELTA(9)-ISOAMBRETTOLIDE).

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

### PRODASYNTH SAS

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